

I'm surprised at the number that were originally FS and are now county. After looking over the map, how about we go with Private unless the GISB Ownership field says USFS. Also, was there ever a decision made in our general approach to eliminate parallel segments shorter than a certain distance? It looks like all of the ones in Upper Bozeman are really short - plus, it's closed to vehicular access up there for now and will just be open to ORVs in the future.

▼ "Sivers, Eric" ---08/24/2010 11:09:30 AM---We could go with either, based on your preference. I imagine that a number of private subdivision r

We could go with either, based on your preference. I imagine that a number of private subdivision roads are paved, but not all of them will be.

Whaddya think?

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| From: |
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| "Sivers, Eric" |
| <ESivers@mt.gov> |
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| To: |
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| Lisa |
| Kusnierz/MO/R8/USEPA/US@EPA |
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| Date: |
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| 08/24/2010 10:41 |
AM |
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| Subject: |
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| RE: roads |
form |
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-----Original Message-----  
From: Kusnierz.Lisa@epamail.epa.gov [mailto:Kusnierz.Lisa@epamail.epa.gov]

Sent: Tuesday, August 24, 2010 10:37 AM  
To: Sivers, Eric  
Subject: RE: roads form

Can we make an assumption based on the crossings on those roads?

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Lisa Kusnierz  
U.S. EPA, Montana Office  
10 West 15th Street, Suite 3200  
Helena, MT 59626  
Kusnierz.Lisa@epa.gov  
(406) 457-5001

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From: |  
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| "Sivers, Eric" <ESivers@mt.gov>  
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To: |  
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| Lisa Kusnierz/MO/R8/USEPA/US@EPA  
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Date: |  
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| 08/24/2010 09:48 AM  
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Subject: |  
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| RE: roads form  
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Lisa-

I have the crossings re-evaluated. However, the parallel segments are proving problematic. Since the county has a bunch of roads with maintenance responsibilities 'TBD', I can't conclusively break them all down for the summary stats.

Eric Sivers  
Hydrogeologist  
Source Water Protection Section  
Watershed Management Section  
Montana DEQ  
406.444.0471  
406.444.6836 (fax)  
esivers@mt.gov  
-----Original Message-----  
From: Kusnierz.Lisa@epamail.epa.gov [mailto:Kusnierz.Lisa@epamail.epa.gov]  
Sent: Thursday, August 12, 2010 9:06 AM  
To: kdraper@wet-llc.com  
Cc: Sivers, Eric  
Subject: RE: roads form

Hi Kim,

That's correct that the crossings should be labeled prior to the field assessment and that we don't need the ownership for all crossings before then. Ideally I would like to have it to help evaluate our sampling design relative to the ownership distribution, but based on our random site selection process (and that Eric doesn't have time to deal with this right now), I'll just assume that we're covered.

The SAP is usually modified after the field work into as "as-built" SAP so we can just incorporate the dataset ownership changes at that point.

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From: |  
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| "Kim Draper" <kdraper@wet-llc.com>  
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To: |  
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| '"Sivers, Eric'" <ESivers@mt.gov>, Lisa Kusnierz/MO/R8/USEPA/US@EPA  
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| RE: roads form  
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Eric,

Thank you for the great explanation. I know enough to ask a lot of questions in the GIS world but I don't work with it first-hand.

It is my understanding from DEQ recommendations after the Little Blackfoot Roads Assessment that we need to uniquely label all of the crossings prior to the field assessment. The label does not need to include information regarding ownership.

Secondly, if a crossing cannot be assessed in the field, we assess the next closest crossing (assuming it is of similar nature, in this case - gravel, paved or native). Ownership will not be a part of that decision making process.

Thank you!  
Kim

-----Original Message-----  
From: Sivers, Eric [mailto:ESivers@mt.gov]  
Sent: Wednesday, August 11, 2010 2:57 PM  
To: kdraper@wet-llc.com; Kusnierz.Lisa@epamail.epa.gov  
Subject: RE: roads form

Kim-

Yes, but with a caveat. There are no 'TBD sites' yet in the layer of 438 crossings, because that attribute comes from the Gallatin County roads layer. The crossings were generated with the statewide framework layer.

Therefore, any crossings in Park County (Lower Jackson Creek) will have ownership/maintenance pulled from the 'System' field of the statewide layer (assuming that seems to make sense). And for whatever reason, the roads don't agree between the two layers in a number of cases, upper Dry Creek in particular.

So, from the above, some more GIS work is necessary to reassign the ownership/maintenance attribute to the entire population of 438. I have already reassigned this attribute with the SAP/fieldwork subset, of course.

I'm new to the roads assessment process, but do you need the TPA-wide summary stats prior to going into the field? I don't think I'll be able to tackle this before next week.

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-----Original Message-----  
From: Kim Draper [mailto:kdraper@wet-llc.com]  
Sent: Wednesday, August 11, 2010 1:54 PM  
To: Kusnierz.Lisa@epamail.epa.gov; Sivers, Eric  
Subject: RE: roads form

Lisa and Eric,

Hi! Thank you for all of the emails.

Lisa - I really like the DEQ form. It is nice because an 8.5x11 sheet fits nicely on a clipboard in the field. We currently use 11x17 forms.

Here are the changes I will include with the SAP:

- 1) update selected road crossings to reflect new ownership categories;
- 2) update overall statistics per new ownership categories;
- 3) update selected road crossings from TBD to private and state;
- 4) include text that the DEQ form may be used to evaluate crossings and parallel segments; and
- 5) update naming convention to reflect new ownership categories.

Eric - will you assign a maintenance / ownership class to all TBD sites within the 438 crossings in order to run statistics? If so, may we use that layer to name all of the sites before we go into the field?

Thanks,  
Kim

-----Original Message-----

From: Kusnierz.Lisa@epamail.epa.gov [  
mailto:Kusnierz.Lisa@epamail.epa.gov]  
Sent: Wednesday, August 11, 2010 1:15 PM  
To: kdraper@wet-llc.com  
Subject: Fw: roads form

Here's the most recent version of the roads form DEQ created.

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(See attached file: Roads\_Crossing\_Field\_Form\_05\_06\_10.pdf) (See attached  
file: Roads\_Crossing\_Field\_Form\_05\_06\_10.xls)

[attachment "Roads82310.abc" deleted by Lisa Kusnierz/MO/R8/USEPA/US]